
**IMPLANTABLE DEVICE THAT DIAGNOSES ISCHEMIA
AND MYOCARDIAL INFARCTION AND METHOD**

Abstract of the Disclosure

An implantable device detects and discriminates between ischemia and myocardial infarction. The device includes a plurality of electrodes that provide a plurality of cardiac activity sensing electrode configurations. A sensing circuit provides a plurality of electrograms in response to cardiac activity sensed by the electrode configurations. A discriminator detects and discriminates between ischemia and myocardial infarction responsive to ST segments of the electrograms. The device may further discriminate an equivocal condition and initiate a secondary analysis for diagnosing spasm, anxiety, or exercised induced ischemia.